

14. MONITORING

14.1 The Structure Plan is a long term document and is required by PPG12 (Development Plans) to be monitored on a regular basis to determine whether implementation of the Plan's policies are achieving the Plan's objectives. The Plan also needs to be monitored in order to identify where it may need adjusting to meet changing circumstances.

14.2 In order to successfully monitor the Plan, a series of indicators have been identified for each main policy area. This provides a consistent basis both for monitoring whether the Plan is meeting its objectives, and identifying where policies need to be strengthened, maintained, changed in some way or, in cases where with hindsight the policy has served no purpose, removed from the Plan.

14.3 The indicators have been formulated in order to ensure that, primarily, relevant information is readily accessible and available and secondly that the data being collected provides a true reflection of the objectives to be achieved. In so doing, co-operation will be sought with both various external bodies and internally within the County Council. At this stage the exact basis of the indicators set out for each objective must be viewed as a general expression of the core area it is intended to collect data on. The nature of the indicator may of necessity vary according to data availability when monitoring commences.

14.4 In drawing up the indicators regard has been had to Government advice set out in "Monitoring Provision of Housing through the Planning System – Towards Better Practice" (October 2000) and to the Monitoring Reports for West Midlands Regional Planning.

14.5 Throughout the plan period, it is intended to publish monitoring reports which will be taken into account in reviewing the Plan in future years. It is also the intention that monitoring of the Plan will be used to inform the review of Regional Planning Guidance (RPG11).

14.6 The indicators to be used to monitor the Plan are as follows:

KEY

Chapters in the Structure Plan

SD	Sustainable Development
CTC	Conservation of Town and Country
D	Development
T	Transport
RST	Recreation, Sport and Tourism
M	Minerals
WD	Waste Disposal

Source

W.C.C.	Worcestershire County Council
D.C.	District Councils
H.E.T.B.	Heart of England Tourist Board
E.N.	Environment Agency

Objective	Indicator	Chapter	Source
Encourage and promote land use activities which lead to an improvement in the quality of air, water and land.	Total number of applications	SD	D.C.
	Number and percent of applications refused/modified on water/air/soil quality grounds.	SD, CTC	D.C.
	Number and percent of applications allowed with conditions relating to air, water and land quality.	SD	D.C.
Seek a reduction in the consumption of energy and finite resources through the more efficient use of resources, recycling, the use of renewable sources and the reduction of waste.	Number and percentage of dwellings and buildings for employment purposes (B1-B8) on previously developed land.	SD, D	D.C.
	Proportion of waste reused; recycled; used for energy production; landfilled.	WD	W.C.C.
Protect from damaging development and land use activity, and enhance biodiversity and diverse and important environmental townscape and historic features and characteristics.	Amount (hectares) of greenfield land released for development.	SD, D	D.C.
	Number of countryside management projects established.	CTC	W.C.C.
	Number and percent of mineral applications refused on environmental grounds.	M	W.C.C.
	Number and percent of mineral applications permitted/modified related to need/ environmental factors/quality of restoration of aftercare.	M	W.C.C.
	Number and percent of waste applications refused on environmental grounds.	WD	W.C.C.
	Number and percent of waste related applications permitted/modified related to need/environmental factors/quality of restoration of aftercare.	WD	W.C.C.

Objective	Indicator	Chapter	Source
	Number of Conservation Areas designated. Number of new Conservation Areas designated. Amount of grant aid given to Conservation Areas. Number of landscape/town enhancement schemes. Loss/damage to National Nature Reserves, SSSIs, Local Nature Reserves, Special Wildlife Sites, or sites designated under the National Conservation Review or Geological Conservation Review (or number of sites designated). Number and percent of applications refused on design matters due to adverse impacts on heritage and historic environment. Number and percent of applications modified or permitted with conditions on design matters due to adverse impacts on heritage and historic environment.	CTC CTC CTC CTC CTC CTC	D.C. D.C. D.C. W.C.C. W.C.C./D.C. D.C. D.C.
Ensure the integration of development within the landscape in order to protect and enhance essential landscape characteristics and features.	Total number of applications. Number of applications refused because of adverse impacts on landscape, heritage and historic environment. Number of applications adjusted or conditional on positive impact on landscape, heritage and historic environment.	CTC CTC CTC	D.C. D.C. D.C.
Protect and expand amenity areas and open spaces, and access to them, in both town and country.	Changes in number and area of amenity areas since 1996 (net gain/ loss) including green open spaces and corridors.	RST CTC	D.C./W.C.C. Countryside Service

Objective	Indicator	Chapter	Source
Meet the housing requirement of the population of the new County through the provision of an adequate range of general market, affordable and social housing in a way which respects the environmental capacity of the area and makes the most effective use of the existing settlement pattern.	Progress towards meeting 28,100 dwelling provision.	D	D.C.
	Number of new dwellings provided, classified as affordable/social by existing stock and new build.	D	D.C.
	Levels of Homelessness, by District.	D	D.C.
	Average House and income levels by District.	D	D.C.
	Vacancies in existing stock by District.	D	D.C.
	Number and percent of dwellings committed within or adjacent to the urban areas of Bromsgrove, Droitwich, Kidderminster, Stourport-on-Severn, Redditch, Worcester, Evesham, Malvern and Pershore.	D	D.C.
	Number and percent of dwellings committed within or adjacent to other urban settlements.	D	D.C.
	Number and percent of dwellings committed in sustainable rural settlements.	D	D.C.
	Number and percent of dwellings committed outside urban and sustainable rural settlements.	D	D.C.
	Annual District Housing completed and with permission.	D	D.C.
Total District Housing completed and with permission since 1996 as a number and percentage of the District requirement for the period 1996-2006.	D	D.C.	
Workforce age and origination by District.	D	W.C.C.	

Objective	Indicator	Chapter	Source
Work towards a better balance between housing, employment, social and community facilities within settlements.	Number and percent of dwellings built within or adjacent to the urban areas of Bromsgrove, Droitwich, Kidderminster, Stourport, Redditch, Worcester, Evesham, Malvern and Pershore.	D	D.C.
	Number and percent of dwellings committed within or adjacent to other urban settlements.	D	D.C.
	Number and percent of dwellings committed in sustainable rural settlements.	D	D.C.
	Number and percent of dwellings committed outside urban and sustainable rural settlements.	D	D.C.
	Annual District Housing completed and with permission.	D	D.C.
	Total District Housing completed and with permission since 1996 as a number and percentage of the District requirement for the period 1996-2006.	D	D.C.
	Amount of land for employment purposes (B1-B8) in or immediately adjacent to the urban areas of the County within transport corridors.	D	D.C.
	Amount of land for employment purposes (B1-B8) in or immediately adjacent to the sustainable rural settlements.	D	D.C.
	Progress towards meeting the amount of land needed within Classes B1, B2, and B8 of each District.	D	D.C.
	Number of retail/leisure community or entertainment developments applied for/allocated in settlements.	D	D.C.
Changes in commuting patterns to the Conurbation and urban areas within/ outside the County.	D	W.C.C.	

Objective	Indicator	Chapter	Source
Enhance the role of settlements as centres for service provision.	Number of retail/leisure community or entertainment developments applied for/allocated in settlements.	D, RST	D.C.
	Number of applications permitted/ refused for out-of-town retail developments.	D	D.C.
	Gross Retail floorspace completions within town centres since 1996 as a percentage of overall completions.	D	D.C.
	Gross Office floorspace completions within town centres since 1996 as a percentage of overall completions.	D	D.C.
	Total floorspace in centres.	D	W.C.C.
	Total turnover by centre.	D	W.C.C.
	Employment levels by centre.	D	W.C.C.
	Catchment Area changes by centre (on a 5 year basis).	D	W.C.C.
Encourage development which will help retain and enhance the identity, character and vitality of settlements.	Number of entertainment/recreation facilities/retail outlets opened.	D, RST	D.C.
	Retail/housing/business vacancy rates.	D	D.C.
	Number and percent of applications amended due to impact on Conservation Areas.	D, CTC	D.C.
Promote energy efficient construction, design and development patterns.	Number and percent of dwellings and employment development (B1-B8) built/planned for within or adjacent to urban areas of Bromsgrove, Droitwich, Kidderminster, Stourport-on-Severn, Redditch, Worcester, Evesham, Malvern and Pershore.	D	D.C.
	Number and percent of dwellings and employment (B1-B8) built within or adjacent to other urban settlements.	D	D.C.
	Number and percent of dwellings and employment (B1-B8) built in sustainable rural settlements.	D	D.C.
	Number and percent of new developments which feature energy conservation principles in construction, orientation, layout and design.	SD, D	D.C.

Objective	Indicator	Chapter	Source
Seek the location of development in areas which will minimise the need to travel and reduce the distances required to be travelled (energy efficient locations)	Number and percent of dwellings and employment development (B1-B8) built within or adjacent to the urban areas of Bromsgrove, Droitwich, Kidderminster, Stourport, Redditch, Worcester, Evesham and Pershore.	D	D.C.
	Number and percent of dwellings and employment land (B1-B8) within or adjacent to other urban settlements.	D	D.C.
	Number and percent of dwellings and employment (B1-B8) built in sustainable rural settlements.	D	D.C.
Guide new developments to locations which can be served by a choice of transport modes for both the movement of freight and people.	Number and percent of dwellings and employment (B1-B8) built within or adjacent to the urban areas of Bromsgrove, Droitwich, Kidderminster, Stourport-on-Severn, Redditch, Worcester, Evesham, Malvern and Pershore.	D	D.C.
	Number and percent of dwellings and employment (B1-B8) built within or adjacent to other urban settlements.	D	D.C.
	Number and percent of dwellings and employment (B1-B8) built in sustainable rural settlements.	D	D.C.
	Number of developments within Class B8 located with easy access to railheads and/or waterway termini.	D	D.C.
Support and facilitate the development of alternative modes of travel to the car.	Length and number of bus lanes provided.	T	W.C.C.
	Number of new Park and Ride facilities and parking spaces provided.	T	W.C.C.
	Annual use of Park and Ride facilities.	T	W.C.C.
	Length and number of walking routes.	T	W.C.C.
	Length and number of cycling routes	T	W.C.C.

Objective	Indicator	Chapter	Source
Facilitate the strengthening and diversification of the economic base of the region and of Worcestershire by the provision of a portfolio of development locations and sites and by the enhancement and management of an attractive environment.	Progress towards meeting the provision of a portfolio of employment (B1-B8) land and sites in each District in terms of greenfield/brownfield/ location and size.	D	W.C.C.
	Progress towards meeting the amount of land provided within Classes B1, B2 and B8 in each District (or employment land with current permission / commitments and completions).	D	D.C./W.C.C.
	Readily available land by sector (international down to local) on a County basis.	D	D.C./W.C.C.
	Readily available land for employment (B1-B8) purposes since 1996, completed and available (at date of monitor).	D	D.C./W.C.C.
	Employment changes in terms of sector/full-time employees/part-time employees.	D	W.C.C.
Encourage urban and rural regeneration.	Number of dwellings or employment (B1-B8) development on previously developed land in urban areas and rural settlements.	D	D.C.
	Number of employment (B1-B8) retail applications in rural areas.	D	D.C.
	Number of permissions for rural enterprises.	D	D.C.
	Number of town enhancement schemes.	D, CTC	D.C.
	Redevelopment and change of use of vacant/other land to B1 - B8.	D	D.C.

Objective	Indicator	Chapter	Source
Support the enhancement, development and integration of, and access to, a range of recreation facilities both within and around settlements.	Number of tourist facilities/hotel accommodation over a given period.	D, RST	W.C.C./H.E.T.B.
	Recreation/leisure facilities within settlements.	D, RST	W.C.C./H.E.T.B.
	Statistical measures of tourist numbers.	RST	W.C.C./H.E.T.B.
	Number of open water areas or lengths of waterways with access for recreational use.	RST	W.C.C./E.N.
	Changes in the number and area of amenity areas; and green open spaces and corridors available to the public	RST	D.C./WCC Countryside Service